



CROSSTALK

News Bulletin of the TRW Amateur Radio Club

MEMBER ARRL CLUB NO 1658 MEMBER LAACARC

W6TRW REPEATER: 145.320/-6 (PL 2A)

UHF: 442.000 IN/447.000 OUT

SEPT 88

CALENDAR FOR SEPTEMBER AND OCTOBER

Friday	Every Friday	Club Breakfast in Bldg S Cafeteria anytime after 7 a.m. All Club members are welcome to attend.
Wednesday	Every Wednesday	Emergency Communications Team Check-in. Noon on 145.320. Everyone is encouraged to check-in.
Saturday	Sept. 24	8-11 a.m. Swap Meet at the northwest corner of Compton/Marine and Aviation behind the Chevron station.
Tuesday	September 27	Noon. Club Meeting R10/2778. All members are invited to attend. Guest speaker will be Joseph C. Campbell.
Thursday	October 6	Executive Board Meeting, 5:30 p.m. at Pizza Hut at the corner of Oceangate and El Segundo Blvd. All club members are welcome.
Thursday	October 25	Noon. Club Meeting R10/2778.
Saturday	October 29	8-11 a.m. Swap Meet at the northwest corner of Compton/Marine and Aviation behind the Chevron station.

The Club Dinner will be November 12. More info will follow.

New Club Officers will be nominated in November.

DEADLINE FOR OCTOBER CROSSTALK IS OCT 14.

Disaster Plan for the City of Torrance by Renato V. Salcedo, KG6NH

The City of Torrance is currently updating it's Disaster Plan, and the city is looking for hams to provide a major portion of emergency communications for this plan. The Torrance Amateur Radio Association is soliciting opinions and suggestions and conducting a survey of equipment and resources of hams that either live or work in Torrance. If you live or work within the city, and you wish to receive more information or give your opinion, contact the Torrance Amateur Radio Association, P.O. Box 5082 Torrance CA 90503. The TARA would like your input by September 30.

DCS/RACES by Bill Dews, K6AMO

If you are a licensed Amateur of Technician Class or higher, are interested in Emergency/Disaster Communication, can participate in a drill roll call from your QTH and can be ready to aid should an emergency arise, then you should contact DCS/RACES. The Disaster Communications Service is the Radio Amateur Civil Emergency Service program administered by the Los Angeles County Sheriff's Department. For information on how you can become part of this organization, call the Los Angeles County Sheriff's Department Disaster Communications Service at (213) 267-2521. After you fill out the application form (which they will send you), your background will be investigated by the Sheriff's Department and you will be issued an ID card and a tactical call sign to use. Join a group of good amateurs who provide emergency communications in Los Angeles County.

FROM THE LIBRARY

by George Lee, W6IOW

What's new in the Sept issues of:

QST: Band-pass filters for HF Xcvrs (3-section & 5-section Butterworth); Baudot & ACSII RTTY Programs for Atari Computers; A Dipper Amp. for Z-bridges; A Simple Resonant ATV (eliminate roller inductors and tapped coils); The Coplanar-Twin-Loop Ant. (uni-directional HF rcvg ant.); Review of Icom IC-761 HF Xcvrs.

HR: A Direct Digital Synthesis VFO; An Easy-to-Build Ni-Cad Pulse Charger (keep charging current at 0.1C near fully charged); Measuring Xmm-line Parameters (3 methods of determining velocity factor); Great Circle Computations using Lotus 1-2-3; Bicycle Mobile (another EKK!); A DTMF Tone Signaling Circuit (selective calling device); Tuning Indicator for RTTY and Packet (using scope); A 5-band Dipole (15 thru 2M); Add a Digital Readout to the Poor Man's Spectrum Analyzer; 7/8" Hardline Coax Connectors (construct at low cost); Construction Techniques using PVC Pipes.

CQ: A Neat Little Control Box for HF Xcvrs (comfortable way of operation); Review of Kenwood TS-140; Bargain Microphones; Ant. Software for IBM-PC.

73: Ant Systems; Reviews of Butterworth Butterfly Ant., Nye Viking RFM-003 RF Power Monitor, Ramsey CT-90 (counter to 600 MHz); Beauty and the Beast (Vibroplex); MFJ Gray Line DX Advantage; MARS and Amateur Radio; Auto VIM (V and I metering of power supplies).

The Library has just added 2 new books on Packet available in the Shack:

1) Your Gateway to Packet Radio, ARRL, 1988.

2) Mastering Packet Radio -- The Hands-On Guide, Howard Sams, 1988.

So get your portalbe Packet ready (time-share on a single frequency) before the next earthquake!

ED NOTE: I owe George an apology. He has been submitting his columns to me on time, but I have been having to bump them to make space for other articles. Sorry George.

GUEST SPEAKER FOR SEPT MEETING

by Don Renkowitz, W6SQF

Our Guest Speaker at our Sept 27 Club meeting will be Joseph Campbell. His talk will be on the Shuttle Program. Mr. Campbell retired from the National Aeronautics and Space Administration in 1980, after working at the Rockwell Space Division where he worked since 1964. During the Apollo program, Mr. Campbell was site activation officer for Downey. On the Space Shuttle program, he was Program Review Administrator. In the past, he has been employed by the Department of the Army as a Quality Control Supervisor, by the Air Force Ballistics Missles Office as a production Specialist, and at NASA Cape Kennedy as Site Activation Officer. He is also a retired Naval Officer. Plan on attending this meeting, it will be a good one!!

THE TRW/ARC SWAP MEET

by Bill S., KE6LB, and David Kropp, N6PLV

I am certain that there aren't that many hams in the LA area that do not at least know about the TRW/ARC Swap Meet held the last Saturday of every month, but how many know how long the Swap Meet has been going on? Bill Schrecengost found an old TRW memo, signed by him as WA6EVS, and dated 5/24/78. The memo states "To provide a service and an interesting monthly event for amateurs in our club, and in the LA area, it is proposed that our club sponsor a monthly swap meet for amateur radio equipment. It is believed that a monthly swap meet could develop into a successful event like the one held each month at Swan parking lot in Oceanside... I propose we give it a go and see what happens. We have nothing to lose and a lot to gain, including good advertising for our radio club." As per the memo, the first TRW/ARC Swap Meet was held July 29, 1978. We've come a long way in 10 years.

MAKE IT WORK: REPAIR PROCEDURES

Procedure for making electronic instruments work, from the Pasadena Radio Club W6KA Bulletin.

1. Approach the ailing instrument in a confident manner. This will give the instrument the idea (often mistaken) that you know something. This also will impress anyone who happens to be looking if the instruments suddenly starts working, and you'll be credited with the repair. If this step fails to work, proceed to step No. 2.
2. Wave the manual at the instrument. This will make the instrument assume that you are familiar with the source of knowledge about it. If this fails, go to step No. 3.
3. In a forceful manner, recite Ohm's Law to the instrument. (Before taking this measure, refer to some reliable source to assure your knowledge of Ohm's Law.) This will prove to the instrument, beyond a shadow of a doubt, that you do know something. This is a drastic step, and should be attempted only after the two previous steps have been tried. If this step fails, proceed to step No. 4.
4. Jar the instrument lightly. This may require anything from a three-foot drop to a six-foot drop, preferably onto a cement floor. We must be very careful with this step, because while jarring is an approved method of repair, the instrument must not mar the floor. Again, this is a drastic step, but should it fail, we are forced to proceed to step No. 5.
5. Add a tube. This will prove to the instrument that you are familiar with it's design. Also, this step will give an added load for the power supply to carry, and will increase your advantage. Should these steps fail, we must proceed to the most drastic step of all. This step is seldom needed, and is to be used ONLY AS A LAST RESORT!!
6. Mark the instrument "SPARE".

FOR SALE, WANTED, FREEBIES.

QUME Sprint/9 35cps daisywheel printer: Tractor feed and built-in keyboard (can be used as terminal); many extras. List over \$1695. Will sell for \$300/obo. Dennis DeCuir, KA6TIW, x24511 (714/527-6209).

Icom 2AT, 2M handheld, good condition, BP3 with charger and BP4 battery packs, speaker mic, 2 antennas (regular and "stubbie"), w/PL (BUT, you have to install the PL!). Will sell for only \$175. Dennis KA6TIW, x24511 (714/527-6209 nights).

TIDBITS by David Kropp, N6PLV

Well, I am told that I can expand the Crosstalk to four pages, if I want to, and I don't even get enough articles to make it three. I did not get EBM minutes, a president's column or anything else. Without your articles, I do not have a newsletter to put together. come on folks, there has got to be a lot going on out there. Let's hear about it!! My phone number and mail station are on the back of the Crosstalk and the deadline is on the front. Any ham related articles are welcome.

Three of our members that have made a name for themselves are Frank Cartier, WA6RAY, Paul Herbert, KG6CR, and Bill Schrecengost, KE6LB. I opened up this morning's **Daily Breeze** to find Bill's picture on page 3, with a very good article on how ham radio can help people during emergency situations, specifically Hurricane Gilbert. (Oh, this is being done Sat. evening, so the article is in Sat's D.B.) Okay, guys, how much did you have to pay the paper to get your names and picture in it?

No one pointed out to me that August's newsletter had "Sept 88" as the listed month. You guys are getting slow. Not only am I missing the mistakes I make, but you guys are missing them, too.

One last thing, I saw a car on the freeway this morning with the license plate "SKITSO". AH2AZ, you didn't get a new car, did you? 73 for this month.